

Serial No. 09/932,330

Reply to Office Action of December 3, 2004

REMARKS/ARGUMENTS

Claims 1-36 were presented for examination. All claims are rejected. Claims 1, 13, 20, 25 and 32 are amended. No claims are canceled.

Claims 20 and 32 have been amended to correct an antecedent basis problem. No new matter has been introduced into claims 20 and 32.

Claims 9, 10, and 36 stand rejected under 35 USC 112, first paragraph, as failing to comply with the enablement requirement. The rejection of claims 9, 10, and 36 is respectfully traversed. Support for claims 9 and 10 is found in the specification on page 6, lines 17-20. Further details of the capabilities of MAP to manipulate data streams is found in the specification at page 8, line 10 et seq. The specification states that a MAP is contained on the DIMM slot module. Support for claim 36 is found in FIG. 5 wherein two processors are shown at the top of the drawing figure. Claims 9, 10, and 36 are deemed to be adequately described and supported in the specification and allowable under 35 USC 112, first paragraph.

Claims 1-24 and 25-36 stand rejected under 35 USC 103(a) as being unpatentable over Fu et al (US Patent No. 6,633,945) in view of Scardamalia et al (US Patent No. 6,295,571). The rejection of claims 1, 13, and 25, as amended, under 35 USC 103(a) is respectfully traversed.

Claims 1, 13, and 25 have been amended to recite an additional feature of the invention. Support for the amendment to claims 1, 13, and 25 is shown in FIG. 5 of the present application, and in particular see connection 218. Further support for the amendments to claims 1, 13, and 25 is found in the specification at page 17, lines 18 et seq.

In contrast, the combination of cited references to Fu and Scardamalia does not teach the claimed direct communication as recited in amended claims 1, 13, and 25. Claims 1, 13, and 25 are therefore deemed to be allowable as containing

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at least one limitation neither taught nor suggested by the hypothetical combination of cited references.

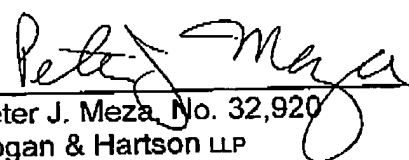
The remaining dependent claims are deemed to be allowable as being dependent upon an allowable base claim.

In view of all of the above, all pending claims are now believed to be allowable and the case in condition for allowance which action is respectfully requested. Should the Examiner be of the opinion that a telephone conference would expedite the prosecution of this case, the Examiner is requested to contact Applicants' attorney at the telephone number listed below.

No fee is believed due for this submittal. However, any fee deficiency associated with this submittal may be charged to Deposit Account No. 50-1123.

Respectfully submitted,

1/24, 2005


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